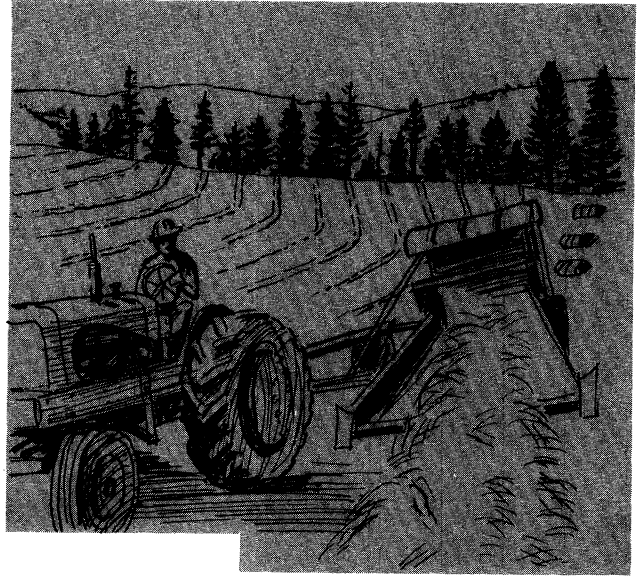
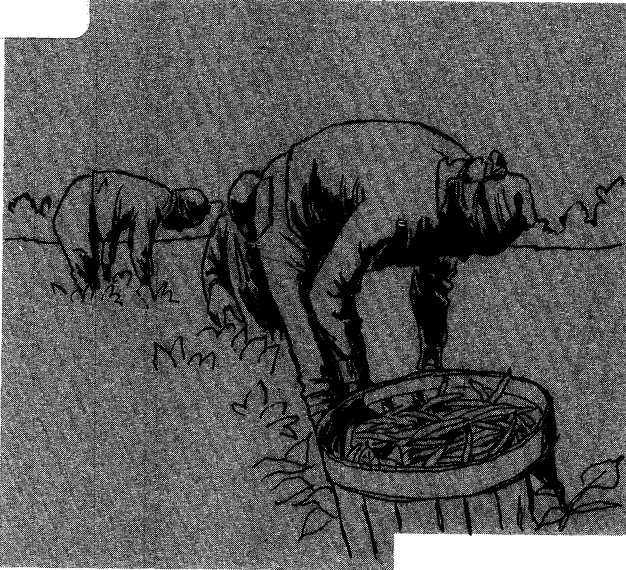


A281.9
Ag8A

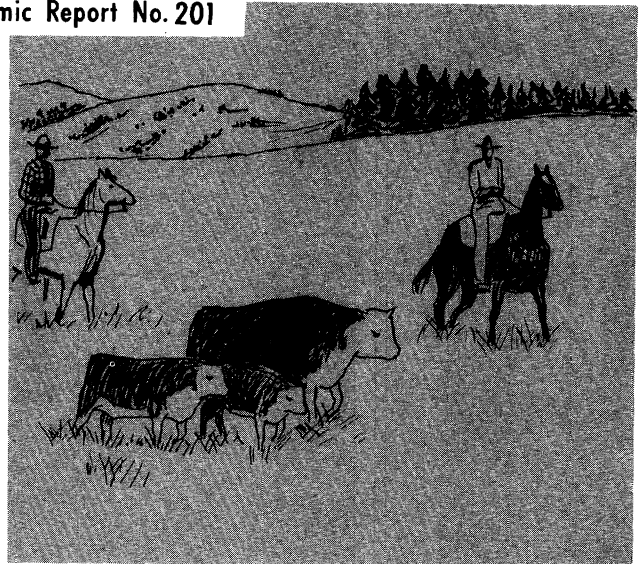
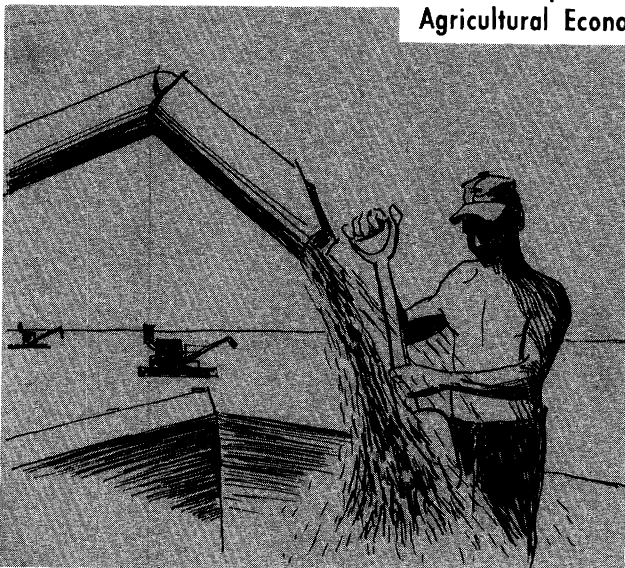
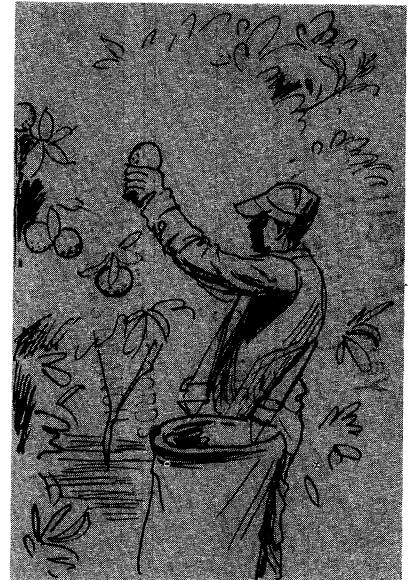
Cat/Sla



The Hired Farm Working Force of 1970

a statistical report

1971
Economic Research Service
U.S. Department of Agriculture
Agricultural Economic Report No. 201



ABSTRACT

The Hired Farm Working Force of 1970 (HFWF) consisted of about 2.5 million persons 14 years of age and over who did some farmwork for cash wages during the year. This decline of 4 percent from the 2.6 million in 1969 reflects further utilization of farm laborsaving technology.

Members of the 1970 HFWF were mostly young (median age 23), white (78 percent), male (76 percent), persons living in nonfarm places (73 percent). They earned an average of \$887 in cash wages, or \$11.10 a day for 80 days of farm wagework.

Only 22 percent were engaged chiefly in farm wagework. Of these, 306,000 were year-round workers, who were the most fully employed and highest paid, averaging 318 days of farm wagework and earning \$3,467.

About 56 percent (primarily housewives and students) were not in the labor force most of the year.

About 196,000, or 8 percent of the total, were domestic migratory workers. This was a drop of 24 percent from 257,000 in 1969, while the remainder of the hired farmworkers declined by only 1 percent.

Key Words: hired farmworkers, farm labor, casual workers, noncasual workers, migratory workers, seasonal workers, regular workers, year-round workers, employment, earnings.

This report is the latest in the ERS series relating to persons who do work on farms for cash wages. Marvin M. Thompson and B. Gregory Russell of the Demographic Surveys Division, Bureau of the Census, cooperated in planning the survey, and supervised field operations and the tabulation of data.

CONTENTS

	<u>Page</u>
Introduction.....	1
Size of the 1970 Hired Farm Working Force.....	1
Recent Trends in Numbers of Hired Farmworkers.....	2
Composition and Residence of the 1970 Hired Farm Working Force.....	2
Man-Days of Farm Wagework Done by Selected Groups.....	3
Average Number of Days of Farm Wagework and Related Earnings.....	5
Average Employment and Earnings of Workers Who Did Farm Wagework Only and Those Who Did Farm and Nonfarm Wagework.....	6
Statistical Tables.....	7
Appendix A: Source and Reliability of Estimates.....	24
Appendix B: Definitions and Explanations.....	28

Washington, D. C. 20250

March 1971

THE HIRED FARM WORKING FORCE OF 1970

-- A Statistical Report --

by

Robert C. McElroy, Manpower Group
Economic Development Division
Economic Research Service

INTRODUCTION

This report presents information on the size and composition of the 1970 hired farm working force (HFWF) and on the employment and cash earnings from farm and nonfarm wagework obtained during the year. Brief highlights point up some of the most pertinent facts from the detailed data in the statistical tables. The data were obtained from the annual survey conducted for the Economic Research Service by the Bureau of the Census as a supplementary part of the regular Current Population Survey made in December 1970.

Estimates in this report are based on sample data; thus, they are subject to sampling variability. They may differ somewhat from the results that would have been obtained from another sample, or from a complete census using the same schedules, instructions, and interviewers. The survey coverage and reliability of the estimates are discussed in appendix A. Definitions or explanations of terms used in this report are given in appendix B.

SIZE OF THE 1970 HIRED FARM WORKING FORCE (table 1)

About 2.5 million different persons did some work on farms for cash wages or salary in 1970. (Excluded are persons not in the civilian noninstitutional population 14 years old and over at the time of the survey.) This represents a decrease of about 4.0 percent from the estimated 2.6 million hired farmworkers in 1968 and reflects further use of mechanization and other farm labor-saving technology, as record high production of both crops and livestock continued.

Casual workers (those who did less than 25 days of farm wagework) numbered about 1.1 million, about 100,000 less than in 1969. Noncasual workers (those who did 25 days or more of farm wagework) numbered around 1.4 million, about 72,000 less than in 1969.

RECENT TRENDS IN NUMBERS OF HIRED FARMWORKERS (tables 2-3)

Because of the sampling variability, averages based on data for several years probably reflect better than yearly estimates the recent trends in the total number of hired farmworkers and in important segments within the group.^{1/} Thus, using averages for the 3-year periods 1965-67 and 1968-70, it can be seen that:

- The total number of different persons doing hired farmwork in the course of a year declined about 11.1 percent.
- The number of workers doing between 75 and 249 days of hired farmwork declined about 20 percent.
- Workers doing less than 75 days of work declined about 7.1 percent, and workers who did 250 or more days of work declined by about 18.4 percent.
- Total man-days of farm wagework declined about 16.5 percent.

COMPOSITION AND RESIDENCE OF THE 1970 HIRED FARM WORKING FORCE (table 4)

The 1970 HFWF was similar in composition to that of the previous year. Among these workers in 1970:

- 76 percent were male.
- 78 percent were white.
- Only 22 percent were engaged chiefly in farm wagework.
- 56 percent (primarily housewives and students) were not in the labor force most of the year.
- The median age was 23 years.
- 33 percent were young people 14-17 years of age; over three-fourths (78 percent) of these youths were boys.
- About 8 percent did some farm wagework outside their home counties. These, considered domestic migratory workers, were a lesser proportion than the 10 percent of the total they comprised in 1969.
- 73 percent lived in nonfarm places at the time of the survey, although some of them lived on farms at some time during the year. Figure 1 shows

^{1/} See appendix A for a discussion of the sample and reliability of estimates.

the contrast between the current situation and that in the late forties with respect to residence.

- 44 percent lived in the South and 10 percent in the Northeastern States, 23 percent were in the North Central States, and 23 percent were in the West.

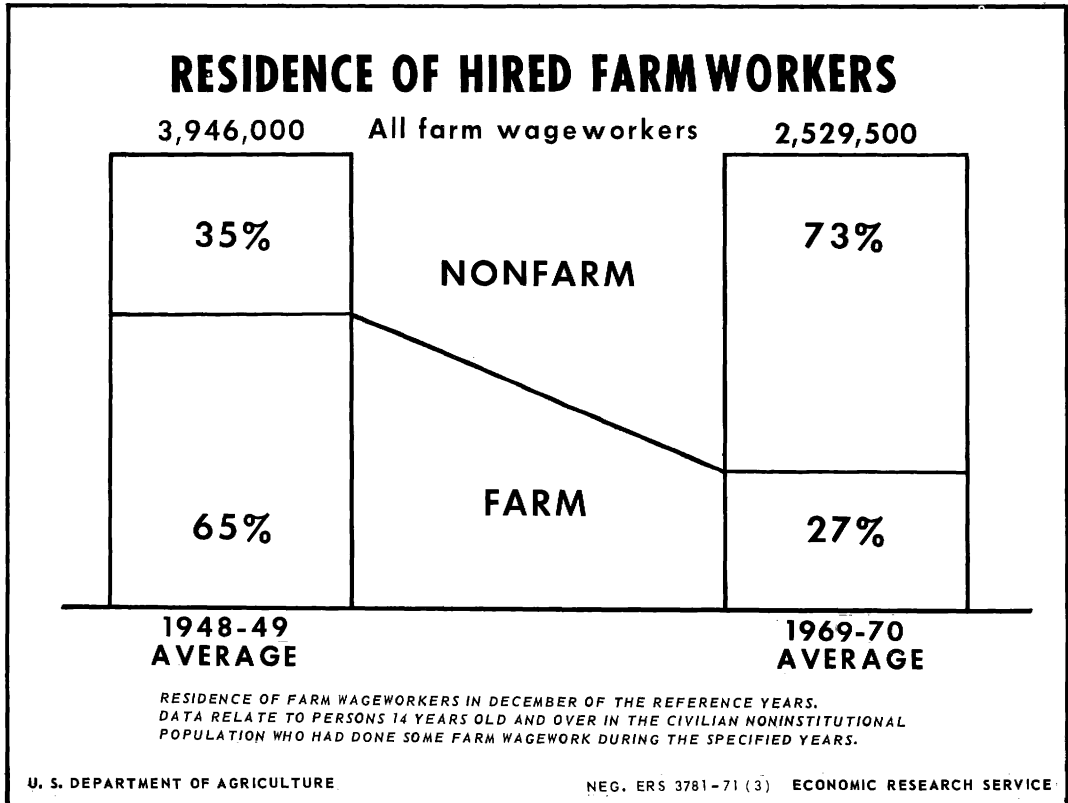


Figure 1

MAN-DAYS OF FARM WAGework DONE BY SELECTED GROUPS
(table 5)

Workers included in the survey did about 201 million man-days of work on farms in 1970 -- about one-fourth of the total number of days of labor on farms.

- The percentage of total man-days of work done by white workers and by Negro and other workers was about equal to the proportion each group represented of the HFWF. Similarly, the percentage done by migratory workers about equaled the proportion they represented of the work force.

- The regular and year-round workers, who comprised about one-fifth (19 percent) of the 1970 HFWF, did about two-thirds (66 percent) of the total man-days of farm wagework (fig. 2). This was about the same as in 1968.
- Averages for the 3-year periods 1965-67 and 1968-70 indicate that the number of full-time workers declined about 18.5 percent, and the total number of man-days of hired farmwork they did, declined about 19.0 percent. During these same periods, workers doing 75-249 days of work declined about 20 percent, and their man-days of work declined about 19 percent (tables 2 and 3).
- Workers who did less than 75 days of farm wagework comprised around 68 percent of the total HFWF in both 3-year periods but did only about one-fifth of the man-days of work.

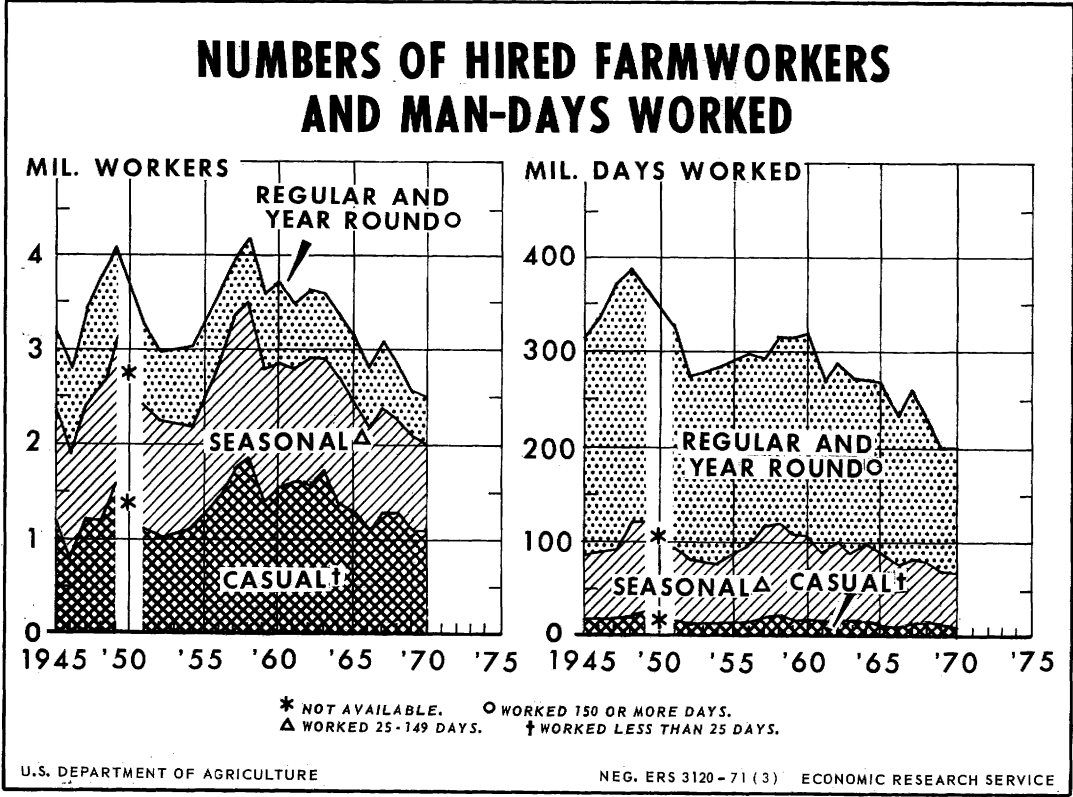


Figure 2

AVERAGE NUMBER OF DAYS OF FARM WAGework AND RELATED EARNINGS
(tables 6-10)

As a group, hired farmworkers earned about \$11.10 a day in cash wages from their farm wagework in 1970. For an average of 80 days of such work, they earned \$887. (Throughout this report, daily and yearly earnings refer only to the cash wages received by workers and do not include the value of perquisites or fringe benefits furnished by the employer.)

Yearly earnings from farm wagework in 1970 changed slightly from 1969 in all regions, declining in the Northeast and West and increasing in the North Central and Southern regions. The very slight decline in daily wages (\$.05) in the North Central was more than offset by the 10 percent increase in number of days worked; the opposite occurred in the Northeast and West with the increase in daily wages (\$1.00 and \$.50, respectively) being more than offset by respective decreases of 3 and 12 percent in the number of days worked. The higher yearly earnings from farm wagework in the South resulted from an increase in both the number of days (14 percent of such work) and daily wages (\$1.05).

Care should be exercised in interpreting year-to-year changes in these averages, however, because of sampling variability. Appendix A contains estimates of the standard errors of various types of averages.

Great variation among major groups in the average number of days of employment and related daily and yearly earnings from farm wagework continues to be a major feature of the HFWF. In 1970, 1.1 million casuals averaged 9 days of work and earned an average of \$9.10 a day from farmwork.

-- Male casual workers averaged \$10.35 a day and females \$7.80.

-- Nonmigratory casuals averaged \$8.90 a day; migratory casuals \$10.80 a day.

In 1970, 1.4 million noncasual workers averaged 137 days and earned \$1,519. Many of the noncasual workers are not in the labor force or they do work other than farm wagework most of the year. Figure 3 shows that there has been a slight change since 1960 in the proportions of those groups of noncasuals whose chief activity is farm wagework, unemployed, and not in the labor force a major part of the year. Among the noncasuals:

-- 0.9 million seasonals averaged 64 days of work and earned \$718 from farm wagework.

-- 0.2 million regulars averaged 199 days and earned \$2,314.

-- 0.3 million year-round workers averaged 318 days and earned \$3,467.

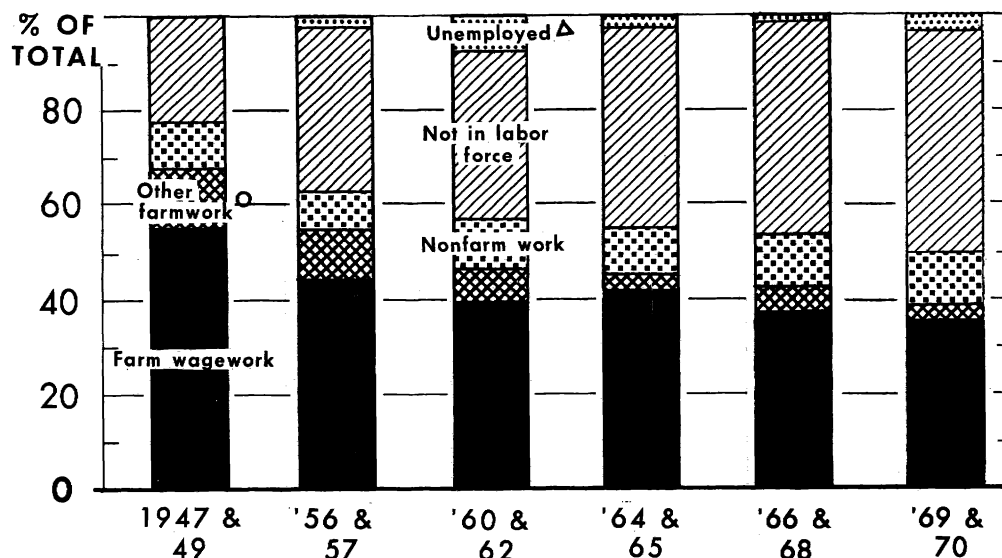
-- Whites averaged 139 days at \$11.75 a day, earning \$1,636 in cash wages.

-- Negroes and members of other races averaged 128 days at \$9.00 a day, earning \$1,153.

-- Domestic migratory workers averaged 123 days at \$13.80 a day, earning \$1,697.

-- Workers in the West received the highest daily wage, \$14.70; those in the North Central States received the lowest, \$9.55.

CHIEF ACTIVITY OF FARM WAGEWORKERS *



* WORKERS WHO DID 25 DAYS OR MORE OF FARM WAGework DURING THE YEAR, AVERAGE OF SELECTED YEARS.
 Δ NOT AVAILABLE FOR 1947 AND 1949. O INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.

U.S. DEPARTMENT OF AGRICULTURE

NEG. ERS 2055-71 (3) ECONOMIC RESEARCH SERVICE

Figure 3

AVERAGE EMPLOYMENT AND EARNINGS OF WORKERS WHO DID FARM WAGework ONLY AND THOSE WHO DID FARM AND NONFARM WAGework (tables 11 and 12)

In 1970, nearly 1.5 million persons, 133,000 less than 1969, did farm wagework only (FWO workers), and 1,005,000, about 49,000 less than 1969, were employed at both farm and nonfarm wagework (FNF workers).

- FWO workers were employed an average of 102 days at farm wagework and earned \$1,083.
- FNF workers did an average of 114 days of nonfarm wagework and 49 days of farm wagework, from which, on the average, they earned a total of \$2,461.
- FWO workers earned about \$10.60 a day from farm wagework; FNF workers averaged about \$12.20 a day.
- FNF workers earned about \$16.35 a day from nonfarm wagework.

STATISTICAL TABLES

<u>TABLE</u>	<u>PAGE</u>
1. Number of persons who did any farm wagework during the year, by sex, 1945-70.....	8
2. Distribution of persons who did any farm wagework during the year, by duration of farm wagework, averages 1965-67 and 1968-70	9
3. Distribution of man-days of farm wagework, for workers, by duration of farm wagework, averages 1965-67 and 1968-70.....	9
4. Distribution of farm wageworkers, by selected characteristics, 1970.	10
5. Distribution of farm wageworkers and man-days of farm wagework, by selected characteristics, 1970.....	13
6. Distribution of farm wageworkers, by selected characteristics and duration of farm wagework, 1970.....	14
7. Average number of days worked and wages earned at farm and nonfarm wagework, for all farm wageworkers, by selected characteristics, 1970.....	15
8. Distribution of farm wageworkers, by selected characteristics and average daily earnings at farm wagework, 1970.....	17
9. Average number of days worked and wages earned at farm and nonfarm wagework, for persons who did 25 days or more of farm wagework, by selected characteristics, 1970.....	18
10. Average number of days worked and wages earned at farm and nonfarm wagework, for persons who did less than 25 days of farm wagework, by selected characteristics, 1970.....	20
11. Percentage of workers who did farm and nonfarm wagework, and average number of days worked and wages earned, for workers who did farm wagework only, by selected characteristics, 1970:	21
12. Average number of days worked and wages earned at farm and nonfarm wagework, for farm wageworkers who also did some nonfarm wagework, by selected characteristics, 1970.....	22
13. Distribution of workers who did farm wagework only and workers who did both farm and nonfarm wagework, by selected characteristics, 1970.....	23
14-18 Standard Error Tables.....	25-27

Table 1.--Number of persons who did any farm wagework during the year, by sex, 1945-70 1/

Year	All farm wageworkers			Workers who did 25 days or more of farm wage- work during the year (noncasual workers)			Workers who did less than 25 days of farm wage- work during the year (casual workers)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.
1945	3,212	2,375	837	1,965	1,576	389	1,247	799	448
1946	2,770	2,120	650	1,953	1,584	369	817	536	281
1947	3,394	2,587	807	2,215	1,864	351	1,179	723	456
1948	3,752	2,820	932	2,502	2,036	466	1,250	784	466
1949	4,140	3,021	1,119	2,510	2,001	509	1,630	1,020	610
1950	4,342	3,221	1,121	---	---	---	---	---	---
1951	3,274	2,392	882	2,156	1,718	438	1,118	674	444
1952	2,980	2,218	762	1,972	1,558	414	1,008	660	348
1954	3,009	2,237	772	1,908	1,544	364	1,101	693	408
1956	3,575	2,525	1,050	2,078	1,553	525	1,497	972	525
1957	3,962	2,765	1,197	2,200	1,673	527	1,762	1,092	670
1958	4,212	2,987	1,225	2,319	1,788	531	1,893	1,199	694
1959	3,577	2,570	1,007	2,166	1,690	476	1,412	880	531
1960	3,693	2,664	1,029	2,162	1,698	463	1,531	966	566
1961	3,488	2,445	1,043	1,889	1,468	421	1,600	978	622
1962	3,622	2,551	1,071	2,067	1,576	492	1,555	976	579
1963	3,597	2,615	983	1,862	1,480	382	1,735	1,135	601
1964	3,370	2,398	972	2,001	1,487	514	1,369	911	458
1965	3,128	2,205	923	1,864	1,407	457	1,264	797	466
1966	2,763	2,051	712	1,634	1,295	339	1,130	756	374
1967	3,078	2,261	817	1,740	1,358	381	1,338	903	435
1968	2,919	2,111	808	1,620	1,256	364	1,299	855	444
1969	2,571	1,907	665	1,466	1,158	307	1,106	748	357
1970	2,488	1,889	599	1,394	1,142	252	1,093	747	346

Numbers of workers for 1959 and succeeding years are rounded to the nearest thousand without being adjusted to group totals.

1/ No survey conducted in 1953 and 1955.

Table 2.--Distribution of persons who did any farm wagework during the year, by duration of farm wagework, averages 1965-67 and 1968-70

Year	Total workers	Duration of farm wagework			
		Less than 75 days	75 - 149 days	150 - 249 days	250 days and over
	Thou.	Thou.	Thou.	Thou.	Thou.
Average:					
1965-67	2,990	1,998	354	257	381
1968-70	2,659	1,857	286	206	310
Percentage change	-11.1	-7.1	-19.2	-19.8	18.6
	Pct.	Pct.	Pct.	Pct.	Pct.
Average:					
1965- 67	254	67	12	9	13
1968-70	100	70	11	8	12

Numbers of workers are rounded to the nearest thousand without being adjusted to group totals.

Table 3.--Distribution of man-days of farm wagework, for workers, by duration of farm wagework, averages 1965-67 and 1968-70

Year	Total man- days of farm wage- work	Duration of farm wagework			
		Less than 75 days	75 - 149 days	150 - 249 days	250 days and over
	Mil.	Mil.	Mil.	Mil.	Mil.
Average:					
1965-67	100	45	37	51	121
1968-70	212	42	30	41	98
Percentage change	-16.5	-6.7	18.9	-19.6	-19.0
	Pct.	Pct.	Pct.	Pct.	Pct.
Average:					
1965-67	100	18	15	20	48
1968-70	100	20	14	19	46

Numbers of days are rounded to the nearest million without being adjusted to group totals.

Table 4.--Distribution of farm wageworkers, by selected characteristics, 1970

Selected characteristics	Number of workers			Percentage distribution		
	Total	Male	Female	Total	Male	Female
	Thou.	Thou.	Thou.	Pct.	Pct.	Pct.
ALL WORKERS, 1970	2,488	1,889	599	100	100	100
COLOR						
White	1,940	1,554	387	78	82	65
Negro and other races	547	335	212	22	18	35
CHIEF ACTIVITY						
Farmwork	623	584	40	25	31	7
Farm wagework	539	502	37	22	27	6
Without nonfarm work	417	386	31	17	20	5
With nonfarm work	122	116	6	5	6	1
Other farmwork ^{1/}	84	82	3	3	4	<u>2/</u>
Nonfarm work	390	345	45	16	18	8
Unemployed	70	68	2	3	4	<u>2/</u>
Not in labor force	1,404	892	511	56	47	85
Keeping house	285	8	277	11	1	46
Attending school	988	762	226	40	40	38
Other	131	122	8	5	6	1
RESIDENCE AND AGE						
All workers	2,488	1,889	599	100	100	100
14-17 years	819	629	190	33	33	32
18-24	539	431	108	22	23	18
25-34	322	245	77	13	13	13
35-44	254	164	91	10	9	15
45-54	247	175	72	10	9	12
55-64	173	131	43	7	7	7
65 and over	133	114	19	5	6	3
Farm residence	675	544	131	100	100	100
14-17 years	162	134	28	24	25	22
18-24	142	124	18	21	23	14
25-34	89	66	23	13	12	17
35-44	73	50	23	11	9	18
45-54	94	72	22	14	13	17
55-64	69	58	11	10	11	8
65 and over	47	40	6	7	7	5
Nonfarm residence	1,813	1,345	468	100	100	100
14-17 years	657	495	162	36	37	35
18-24	397	307	89	22	23	19
25-34	233	179	54	13	13	12
35-44	181	113	68	10	8	15
45-54	153	103	50	8	8	11
55-64	105	73	32	6	5	7
65 and over	87	74	13	5	6	3
MIGRATORY STATUS AND AGE						
Migratory	196	161	35	100	100	<u>3/</u>
14-17 years	75	62	13	38	39	---
18-24	50	43	7	25	27	---
25-34	22	19	3	11	12	---
35-44	25	18	7	13	11	---
45-54	12	6	5	6	4	---
55-64	7	7	0	4	5	---
65-and over	6	5	1	3	3	---

See footnotes at end of table.

Table 4.--Distribution of farm wageworkers, by selected characteristics, 1970--Continued

Selected characteristics	Number of workers			Percentage distribution		
	Total	Male	Female	Total	Male	Female
	Thou.	Thou.	Thou.	Pct.	Pct.	Pct.
MIGRATORY STATUS AND AGE--Continued						
Nonmigratory	2,291	1,728	563	100	100	100
14-17 years	744	567	177	32	33	32
18-24	489	388	101	21	22	18
25-34	300	226	74	13	13	13
35-44	230	146	84	10	8	15
45-54	235	169	67	10	10	12
55-64	166	123	43	7	7	8
65 and over	127	110	17	6	6	3
REGION	2,488	1,889	599	100	100	100
Northeast	241	174	66	10	9	11
North Central	590	517	73	24	27	12
South	1,093	804	289	44	43	48
West	564	393	171	23	21	29
WORKERS WHO DID 25 DAYS OR MORE OF FARM WAGEWORK						
MIGRATORY STATUS AND AGE						
All workers	1,394	1,142	252	100	100	100
14-17 years	362	296	66	26	26	26
18-24	299	248	52	21	22	20
25-34	191	156	35	14	14	14
35-44	165	128	37	12	11	15
45-54	179	136	42	13	12	17
55-64	123	106	16	9	9	6
65 and over	76	71	5	5	6	2
Migratory	135	111	24	100	100	3/
14-17 years	45	40	5	33	36	---
18-24	34	28	7	25	25	---
25-34	14	11	3	10	10	---
35-44	19	15	4	14	14	---
45-54	10	5	5	8	5	---
55-64	7	7	0	5	7	---
65 and over	5	5	0	4	4	---
Nonmigratory	1,259	1,031	229	100	100	100
14-17 years	317	256	60	25	25	26
18-24	265	220	45	21	21	20
25-34	177	145	32	14	14	14
35-44	145	113	33	12	11	14
45-54	168	131	37	13	13	16
55-64	115	99	16	9	10	7
65 and over	71	66	5	6	6	2
TOTAL FARM WAGES EARNED	1,394	1,142	252	100	100	100
Under \$100	36	24	12	3	2	5
100-199	89	54	34	6	5	14
200-399	226	165	60	16	14	24
400-599	184	133	51	13	12	20
600-999	204	175	29	15	15	11
1,000-1,999	282	236	45	20	21	18
2,000 and over	374	353	21	27	31	8

See footnotes at end of table.

Table 4.--Distribution of farm wageworkers, by selected characteristics, 1970--Continued

Selected characteristics	Number of workers			Percentage distribution		
	Total	Male	Female	Total	Male	Female
	Thou.	Thou.	Thou.	Pct.	Pct.	Pct.
WORKERS WHO DID 25 DAYS OR MORE OF FARM WAGEWORK--						
Continued						
TOTAL FARM AND NONFARM WAGES EARNED	1,394	1,142	252	100	100	100
Under \$100	26	18	8	2	2	3
100-199	71	43	28	5	4	11
200-399	171	124	47	12	11	19
400-599	147	104	44	11	9	17
600-999	169	132	37	12	12	15
1,000-1,399	158	125	33	11	11	13
1,400-1,999	125	108	17	9	9	7
2,000 and over	528	490	38	38	43	15
WORKERS WHO DID LESS THAN 25 DAYS OF FARM WAGEWORK						
MIGRATORY STATUS AND AGE						
All workers	1,093	747	346	100	100	100
14-17 years	457	333	124	42	45	36
18-24	239	183	56	22	25	16
25-34	131	89	42	12	12	12
35-44	90	36	54	8	5	16
45-54	68	39	29	6	5	8
55-64	51	24	26	5	3	8
65 and over	57	43	14	5	6	4
Migratory	61	50	12	100	100	3/
14-17 years	30	22	7	49	45	---
18-24	16	16	0	26	32	---
25-34	7	7	0	12	15	---
35-44	5	3	3	9	5	---
45-54	1	1	0	2	3	---
55-64	0	0	0	0	0	---
65 and over	1	0	1	2	0	---
Nonmigratory	1,032	697	335	100	100	100
14-17 years	427	310	117	41	44	35
18-24	224	168	56	22	24	17
25-34	123	81	42	12	12	13
35-44	85	33	51	8	5	15
45-54	67	38	29	6	5	9
55-64	51	24	26	5	3	8
65 and over	56	43	12	5	6	4

Numbers of workers are rounded to the nearest thousand without being adjusted to group totals.

1/ Includes operating a farm and unpaid family labor.

2/ Less than 0.5 percent

3/ Percentages not shown where base is less than 50,000 persons.

Table 5.--Distribution of farm wageworkers, and man-days
of farm wagework, by selected characteristics, 1970

Selected characteristics	Number of workers			Man-days of farm wagework		
	Total	Male	Female	Total	Male	Female
	Thou.	Thou.	Thou.	Mil.	Mil.	Mil.
ALL WORKERS, 1970	2,488	1,889	599	201	178	24
COLOR						
White	1,940	1,554	387	156	139	16
Negro and other races	547	335	212	45	38	7
MIGRATORY STATUS						
Migratory	196	161	35	17	15	2
Nonmigratory	2,291	1,728	563	184	162	22
DURATION OF FARM WAGEWORK						
Less than 25 days	1,093	747	346	10	6	4
25-74	623	455	168	28	21	7
75-149	293	233	60	31	25	6
150-249	172	160	12	34	32	3
250 and over	306	294	12	98	94	4
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
ALL WORKERS, 1970	100	100	100	100	100	100
COLOR						
White	78	82	65	77	79	69
Negro and other races	22	18	35	23	21	31
MIGRATORY STATUS						
Migratory	8	9	6	9	9	8
Nonmigratory	92	91	94	91	91	92
DURATION OF FARM WAGEWORK						
Less than 25 days	44	40	58	5	4	15
25-74	25	24	28	14	12	31
75-149	12	12	10	15	14	27
150-249	7	8	2	17	18	11
250 and over	12	16	2	49	53	16

Numbers of workers are rounded to the nearest thousand, and numbers of man-days are rounded to the nearest million without being adjusted to group totals.

Table 6.--Distribution of farm wageworkers, by selected characteristics and duration of farm wagework, 1970

Selected characteristics	Number of farm wageworkers						Percentage distribution					
	Number working						Percentage working					
	Total workers	Less than 25 days	25-74 days	75-149 days	150-249 days	250 days and over	Total workers	Less than 25 days	25-74 days	75-149 days	150-249 days	250 days and over
	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
ALL WORKERS, 1970	2,488	1,093	623	293	172	306	100	44	25	12	7	12
COLOR												
White	1,940	884	468	225	112	250	100	46	24	12	6	13
Negro and other races	547	209	155	68	59	56	100	38	28	12	11	10
SEX AND AGE												
Both sexes												
14-17 years	819	457	263	55	18	27	100	56	32	7	2	3
18-24	539	239	141	80	41	38	100	44	26	15	8	7
25-34	322	131	57	47	23	65	100	41	18	14	7	20
35-44	254	90	58	23	23	60	100	35	23	9	9	24
45-54	247	68	50	44	32	53	100	28	20	18	13	21
55-64	173	51	29	29	19	46	100	29	17	17	11	26
65 and over	133	57	26	16	16	18	100	43	20	12	12	14
Males	1,889	747	455	233	160	294	100	40	24	12	8	16
14-17 years	629	333	208	47	16	25	100	53	33	7	3	4
18-24	431	183	109	64	37	38	100	42	25	15	9	9
25-34	245	89	34	36	22	64	100	36	14	15	9	26
35-44	164	36	34	13	23	58	100	22	21	8	14	35
45-54	175	39	29	32	28	48	100	22	17	18	16	27
55-64	131	24	19	25	18	44	100	18	15	19	14	34
65 and over	114	43	22	15	16	18	100	38	19	13	14	16
Females	599	346	168	60	12	12	100	58	28	10	2	2
14-17	190	124	55	7	1	2	100	65	29	4	1	1
18-24	108	56	32	16	4	0	100	52	30	15	3	0
25-34	77	42	22	11	1	1	100	55	29	14	1	1
35-44	91	54	24	10	0	2	100	59	27	11	0	3
45-54	72	29	21	11	5	5	100	41	29	16	7	7
55-64	43	26	10	4	1	1	1/	---	---	---	---	---
65 and over	19	14	4	1	0	0	1/	---	---	---	---	---
RESIDENCE												
Farm	675	223	152	80	66	154	100	33	23	12	10	23
Nonfarm	1,813	870	471	213	106	152	100	48	26	12	6	8
MIGRATORY STATUS												
Migratory	196	61	59	31	24	21	100	31	30	16	12	11
Nonmigratory	2,291	1,032	564	261	148	285	100	45	25	11	6	12
REGION												
Northeast	241	105	61	29	9	37	100	44	25	12	4	15
North Central	590	290	135	51	25	89	100	49	23	9	4	15
South	1,093	457	274	140	101	121	100	42	25	13	9	11
West	564	242	153	73	37	60	100	43	27	13	7	11

Numbers of workers are rounded to the nearest thousand without being adjusted to group totals.

1/ Percentages not shown where base is less than 50,000 persons.

2/ Less than 0.5 percent.

Table 7.--Average number of days worked and wages earned at farm and nonfarm wagework, for all farm
wageworkers, by selected characteristics, 1970

Selected characteristics	Farm and nonfarm					Farm		Nonfarm		
	Number	Days	Wages earned		Days	Wages earned		Days	Wages earned	
	of workers	worked	Per year	Per day 1/	worked	Per year	Per day 1/	worked	Per year	Per day 1/
ALL WORKERS, 1970	2,488	127	1,640	12.90	80	887	11.10	46	752	16.35
COLOR AND SEX										
White	1,940	132	1,813	13.75	80	930	11.60	52	882	16.95
Negro and other races	547	108	1,027	9.50	82	734	8.95	25	292	11.70
Male	1,889	147	1,971	13.40	93	1,053	11.30	53	918	17.30
White	1,554	148	2,098	14.15	89	1,057	11.85	58	1,040	17.95
Negro and other races	335	140	1,381	9.85	113	1,031	9.10	27	349	12.90
Female	599	64	595	9.30	39	365	9.35	24	230	9.60
White	387	67	665	9.90	42	419	9.95	25	246	9.85
Negro and other races	212	58	468	8.05	34	266	7.80	23	201	8.75
CHIEF ACTIVITY										
Farmwork	623	228	2,781	12.20	209	2,520	12.05	19	261	13.75
Farm waged work	539	251	3,049	12.15	232	2,785	12.00	18	264	14.65
Without nonfarm work	417	249	2,850	11.45	249	2,850	11.45	---	---	---
With nonfarm work	122	259	3,730	14.40	176	2,562	14.55	83	1,168	14.05
Other farmwork 2/	84	83	1,063	12.80	61	820	13.45	22	243	11.05
Nonfarm work	390	222	4,146	18.65	36	417	11.60	185	3,729	20.15
Unemployed	70	67	855	12.75	33	377	11.40	33	477	14.45
Not in labor force	1,404	58	475	8.20	38	318	8.35	20	156	7.80
Keeping house	285	46	435	9.45	32	301	9.40	13	133	10.25
Attending school	988	61	460	7.55	38	306	8.05	22	154	7.00
Other	131	62	675	10.90	48	451	9.40	14	223	15.90
RESIDENCE, SEX, AND DURATION OF FARM WAGEWORK										
All workers										
Less than 25 days	1,093	72	1,124	15.60	9	82	9.10	63	1,042	16.55
25-74	623	86	1,041	12.10	44	446	10.15	41	595	14.50
75-149	293	150	2,067	13.80	105	1,295	12.35	44	771	17.50
150-249	172	221	2,756	12.45	199	2,314	11.60	22	442	20.10
250 and over	306	330	3,662	11.10	318	3,467	10.90	11	194	17.65
Farm residence	675	146	1,542	10.55	121	1,218	10.05	25	323	12.90
Less than 25 days	223	40	484	12.10	9	86	9.55	31	397	12.80
25-74	152	84	843	10.05	46	438	9.50	37	405	10.95
75-149	80	141	1,740	12.35	112	1,225	10.95	28	514	18.35
150-249	66	219	2,417	11.05	206	2,199	10.65	13	217	16.70
250 and over	154	332	3,290	9.90	325	3,208	9.85	7	82	11.70
Nonfarm residence	1,813	120	1,676	13.95	65	764	11.75	54	912	16.90
Less than 25 days	870	80	1,288	16.10	9	81	9.00	71	1,207	17.00
25-74	471	87	1,105	12.70	44	448	10.20	42	656	15.60
75-149	213	153	2,189	14.30	103	1,321	12.80	50	867	17.35
150-249	106	223	2,967	13.30	195	2,385	12.25	27	581	

See footnotes at end of table.

Table 7.--Average number of days worked and wages earned at farm and nonfarm wage work, for
wageworkers, by selected characteristics, 1970--Continued

Selected characteristics	Farm and nonfarm		Farm		Nonfarm	
	Number	Days	Wages earned	Wages earned	Wages earned	Wages earned
	of	worked	Per	Per	Per	Per
	workers	year	year	day 1/	year	day 1/
	Thou.	No.	Dol.	Dol.	No.	Dol.
MIGRATORY STATUS AND DURATION OF FARM WAGEWORK						
Migratory	196	133	1,930	14.50	88	1,202
Less than 25 days	61	100	1,758	17.60	10	108
25-74	59	83	974	11.75	48	537
75-149 3/	31	---	---	---	---	---
150 and over 3/	45	---	---	---	---	---
Nonmigratory	2,291	126	1,615	12.80	80	860
Less than 25 days	1,032	70	1,086	15.50	9	80
25-74	564	86	1,048	12.20	44	436
75-149	261	154	2,109	13.70	107	1,284
150-249	148	225	2,776	12.35	202	2,296
250 and over	285	331	3,589	10.85	319	3,383
REGION AND COLOR						
Northeast	241	134	1,789	13.35	86	947
White	224	141	1,888	13.40	90	988
Negro and other races 3/	17	---	---	---	---	---
North Central	590	141	1,811	12.85	80	771
White	579	143	1,839	12.85	81	780
Negro and other races	10	---	---	---	---	---
South	1,093	120	1,381	11.50	81	821
White	606	125	1,656	13.25	75	856
Negro and other races 3/	487	114	1,040	9.10	89	778
West	564	122	1,898	15.55	77	1,111
White	532	124	1,931	15.55	79	1,154
Negro and other races 3/	32	---	---	---	---	---
REGION, MIGRATORY STATUS, AND COLOR						
All workers						
Migratory						
White	180	135	1,960	14.50	87	1,185
Negro and other races 3/	16	---	---	---	---	---
Nonmigratory						
White	1,760	132	1,798	13.60	79	904
Negro and other races	531	108	1,010	9.35	82	714
South						
Migratory	84	130	1,937	14.90	77	1,083
White	68	134	2,020	15.05	71	1,007
Negro and other races 3/	16	---	---	---	---	---
Nonmigratory	1,009	119	1,335	11.20	81	800
White	538	124	1,610	13.00	75	837
Negro and other races	471	114	1,021	8.95	88	757
West						
Migratory	64	148	2,084	14.10	111	1,476
White	64	148	2,084	14.10	111	1,476
Negro and other races 3/	---	---	---	---	---	---
Nonmigratory	500	119	1,874	15.75	72	1,064
White	468	121	1,910	15.80	75	1,110
Negro and other races 3/	32	---	---	---	---	---

Numbers of workers are rounded to the nearest thousand without being adjusted to group totals.

1/ Rounded to the nearest 5 cents.

2/ Includes operating a farm and unpaid family labor.

3/ Averages not shown where base is less than 50,000 persons.

characteristics and average daily earnings at
wagework, 1970

Selected characteristics	Number	Average daily earnings from farm wagework								Median
	of	Total	Less	\$3.00-	\$5.00-	\$7.00-	\$9.00-	\$11.00-	\$13.00	daily
	workers		than	\$3.00	4.99	6.99	8.99	10.99	12.99	and over
	Thou.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Dol.
ALL WORKERS, 1970	2,488	100	7	10	15	15	18	11	24	9.30
COLOR AND SEX										
White	1,940	100	6	9	14	15	18	12	26	9.70
Negro and other races	547	100	10	15	17	16	21	10	11	8.00
Male	1,889	100	6	8	14	16	19	13	24	9.75
White	1,554	100	5	7	14	15	18	12	29	9.90
Negro and other races	335	100	8	10	15	16	23	13	15	9.15
Female	599	100	11	19	16	15	17	7	15	7.65
White	387	100	10	15	14	15	17	8	21	8.60
Negro and other races	212	100	13	23	21	16	16	6	5	6.25
AGE, MIGRATORY STATUS, AND SEX										
14-19 years	1,062	100	10	13	16	18	18	11	14	8.10
Migratory	93	100	13	7	14	24	10	10	22	8.35
Nonmigratory	968	100	10	14	17	17	18	11	13	8.10
20 years and over	1,426	100	5	8	13	13	19	12	30	10.15
Migratory	103	100	1	1	6	7	20	12	53	13.10
Male	81	100	1	2	5	7	18	10	57	13.25
Female	22	2/	---	---	---	---	---	---	---	---
Nonmigratory	1,323	100	5	8	14	14	19	12	28	10.00
Male	986	100	3	5	13	14	19	13	33	10.60
Female	337	100	10	17	17	14	17	8	17	7.75
DURATION OF FARM WAGEWORK										
Less than 25 days	1,093	100	8	14	17	17	19	8	17	8.25
25-74	623	100	6	9	16	16	19	13	21	9.30
75-149	293	100	4	4	8	14	18	17	35	11.20
150-249	172	100	2	5	14	10	19	16	34	11.05
250-299	105	100	7	4	8	18	14	11	38	10.90
300 and over	201	100	11	10	8	13	19	11	28	9.95
REGION AND SEX										
Northeast	241	100	6	6	13	14	25	10	26	9.95
Male	174	100	6	7	13	13	22	10	29	9.95
Female	66	100	3	6	11	15	34	10	21	9.90
North Central	590	100	7	9	17	15	20	10	22	9.20
Male	517	100	6	8	17	15	20	11	23	9.45
Female	73	100	12	17	16	19	22	3	11	7.50
South	1,093	100	7	13	17	20	18	11	14	8.35
Male	804	100	6	9	15	21	19	13	17	9.00
Female	289	100	11	24	21	20	14	5	5	6.50
West	564	100	7	8	9	8	13	14	41	11.75
Male	393	100	5	5	8	9	13	14	46	12.35
Female	171	100	13	15	10	6	12	12	32	10.05

Numbers of workers are rounded to the nearest thousand without being adjusted to group totals.

1/ Rounded to the nearest 5 cents.

2/ Percentages not shown where base is less than 50,000 persons.

Table 9.--Average number of days worked and wages earned at farm and nonfarm wagework, for persons who did 25 days or more of farm wagework, by selected characteristics, 1970

Selected characteristics	Farm and nonfarm					Farm			Nonfarm		
	Number	Wages earned				Wages earned			Wages earned		
	of	Days	Per	Per	Days	Per	Per	Days	Per	Per	
	workers	worked	year	day 1/	worked	year	day 1/	worked	year	day 1/	
	Thou.	No.	Dol.	Dol.	No.	Dol.	Dol.	No.	Dol.	Dol.	
WORKERS WHO DID 25 DAYS OR MORE OF FARM WAGEWORK, 1970	1,394	170	2,044	12.00	137	1,519	11.10	33	525	15.90	
COLOR AND SEX											
White	1,056	175	2,248	12.85	139	1,636	11.75	35	612	17.50	
Negro and other races	338	154	1,406	9.10	128	1,153	9.00	25	253	10.10	
Male	1,142	185	2,281	12.30	149	1,686	11.30	35	594	16.95	
White	893	188	2,461	13.10	149	1,774	11.90	38	687	18.05	
Negro and other races	249	173	1,632	9.45	150	1,372	9.15	22	260	11.80	
Female	252	103	974	9.45	79	759	9.60	24	214	8.90	
White	163	104	1,081	10.40	85	877	10.30	19	204	10.75	
Negro and other races	90	101	779	7.70	68	546	8.00	33	232	7.05	
SEX AND AGE											
Both sexes											
14-17 years	362	93	609	6.55	80	555	6.95	12	54	4.50	
18-24	299	156	2,045	13.10	114	1,369	12.00	41	675	16.45	
25-34	191	235	3,470	14.75	169	2,277	13.45	65	1,192	18.35	
35-44	165	216	3,043	14.10	175	2,274	13.00	40	769	19.20	
45-54	179	203	2,642	13.00	170	2,081	12.25	33	561	17.00	
55-64	123	224	2,289	10.20	196	1,918	9.80	27	370	13.70	
65 and over	76	165	1,332	8.05	155	1,189	7.65	10	142	14.20	
Males											
14-17 years	296	97	643	6.60	84	583	6.95	13	60	4.60	
18-24	248	167	2,204	13.20	122	1,459	11.95	44	745	16.95	
25-34	156	259	3,940	15.20	189	2,580	13.65	70	1,359	19.40	
35-44	128	253	3,681	14.55	204	2,732	13.40	48	948	19.75	
45-54	136	223	3,075	13.80	190	2,401	12.65	32	673	21.05	
55-64	106	237	2,466	10.40	210	2,094	9.95	26	372	14.30	
65 and over	71	174	1,406	8.10	163	1,254	7.70	10	151	15.10	
CHIEF ACTIVITY											
Farmwork	566	248	3,030	12.20	229	2,764	12.05	18	266	14.75	
Farm wagework	526	255	3,120	12.25	238	2,854	12.00	17	265	15.60	
Without nonfarm work	409	253	2,904	11.45	253	2,904	11.45	---	---	---	
With nonfarm work	117	261	3,877	14.85	184	2,679	14.55	77	1,198	15.55	
Other farmwork 2/	40	---	---	---	---	---	---	---	---	---	
Nonfarm work	163	238	3,973	16.70	78	892	11.45	160	3,081	19.25	
Unemployed 3/	36	---	---	---	---	---	---	---	---	---	
Not in labor force	630	87	720	8.25	73	611	8.35	14	108	7.70	
Keeping house	105	83	793	9.55	71	685	9.65	12	108	9.00	
Attending school	457	86	661	7.70	72	568	7.90	14	92	6.55	
Other	68	98	1,005	10.25	84	784	9.35	13	220	16.90	
REGION AND COLOR											
Northeast	136	192	2,483	12.95	144	1,577	10.95	47	906	19.25	
White	133	192	2,490	12.95	144	1,565	10.85	48	925	19.25	
Negro and other races 3/	3	---	---	---	---	---	---	---	---	---	
North Central	300	183	2,001	10.95	150	1,435	9.55	33	566	17.15	
White	295	186	2,031	10.90	152	1,454	9.55	34	576	16.95	
Negro and other races 3/	5	---	---	---	---	---	---	---	---	---	

See footnotes at end of table.

Table 9.--Average number of days worked and wages earned at farm and nonfarm wagework, for persons who did 25 days or more of farm wagework, by selected characteristics, 1970--Continued

Selected characteristics	Number of workers	Farm and nonfarm				Farm			Nonfarm		
		Days worked		Wages earned		Days worked		Wages earned		Days worked	
		Thou.	No.	Per year	Per day 1/	No.	Dol.	Dol.	No.	Dol.	Dol.
REGION AND COLOR--Continued											
South	636	164	1,795	10.95	133	1,363	10.25	30	432	14.40	
White	315	172	2,182	12.70	137	1,579	11.50	35	602	17.20	
Negro and other races	321	156	1,416	9.05	130	1,151	8.85	26	265	10.20	
West	322	159	2,391	15.05	128	1,880	14.70	31	510	16.45	
White	314	161	2,418	15.00	128	1,894	14.80	32	523	16.35	
Negro and other races 3/	9	---	---	---	---	---	---	---	---	---	---
REGION, MIGRATORY STATUS, AND COLOR											
All workers											
Migratory	135	148	2,007	13.55	123	1,697	13.80	25	309	12.35	
White	121	151	2,033	13.45	124	1,711	13.80	26	321	12.35	
Negro and other races 3/	14	---	---	---	---	---	---	---	---	---	---
Nonmigratory	1,259	172	2,048	11.90	138	1,499	10.85	34	548	16.10	
White	935	178	2,276	12.80	141	1,626	11.55	36	650	18.05	
Negro and other races	324	155	1,389	8.95	129	1,134	8.80	25	255	10.20	
South											
Migratory 3/	53	149	2,105	14.10	116	1,645	14.20	33	459	13.90	
White 3/	39	---	---	---	---	---	---	---	---	---	---
Negro and other races 3/	14	---	---	---	---	---	---	---	---	---	---
Nonmigratory	583	165	1,766	10.70	135	1,337	9.90	30	429	14.30	
White	276	174	2,176	12.50	139	1,566	11.25	34	610	17.95	
Negro and other races	307	158	1,399	8.85	131	1,131	8.65	27	267	9.90	
West											
Migratory	51	156	2,084	13.35	135	1,796	13.30	20	288	14.40	
Nonmigratory	271	160	2,449	15.30	126	1,896	15.05	33	552	16.70	
NONMIGRATORY WORKERS, SEX, AND COLOR											
Nonmigratory											
Male	1,031	187	2,292	12.25	151	1,668	11.05	36	624	17.35	
White	796	191	2,489	13.05	151	1,759	11.65	40	730	18.25	
Negro and other races	234	175	1,623	9.25	152	1,359	8.95	23	263	11.45	
Female	229	103	948	9.20	79	740	9.35	24	207	8.60	
White	139	105	1,057	10.05	86	866	10.05	18	191	10.60	
Negro and other races	90	101	779	7.70	68	546	8.00	33	232	7.05	
HOUSEHOLD STATUS AND MIGRATORY STATUS											
Household heads	617	229	3,161	13.80	181	2,266	12.50	47	894	19.00	
Migratory	43	---	---	---	---	---	---	---	---	---	---
Nonmigratory	574	230	3,168	13.75	181	2,250	12.45	48	917	19.10	
Other household members	777	123	1,158	9.40	101	925	9.15	21	232	11.05	
Migratory	92	113	1,508	13.35	97	1,329	13.70	16	179	11.20	
Nonmigratory	685	124	1,111	8.95	102	871	8.55	22	239	10.85	

Numbers of workers are rounded to the nearest thousand without being adjusted to group totals.

1/ Rounded to the nearest 5 cents.

2/ Includes operating a farm and unpaid family labor.

3/ Averages not shown where base is less than 60,000 persons.

Table 10.--Average number of days worked and wages earned at farm and nonfarm wagework, for persons who did less than 25 days of farm wagework, by selected characteristics, 1970

Selected characteristics	Farm and nonfarm					Farm		Nonfarm		
	Number	Days	Wages earned		Days	Wages earned		Days	Wages earned	
	of workers	worked	Per year	Per day 1/	worked	Per year	Per day 1/	worked	Per year	Per day
	Thou.	No.	Dol.	Dol.	No.	Dol.	Dol.	No.	Dol.	Dol.
WORKERS WHO DID LESS THAN 25 DAYS OF FARM WAGEWORK, 1970	1,093	72	1,124	15.60	9	82	9.10	63	1,042	16.55
SEX AND AGE										
Both sexes										
14-17 years	457	34	191	5.60	9	74	8.20	24	116	4.85
18-24	239	106	1,645	15.50	7	78	11.15	98	1,566	15.95
25-34	131	140	2,950	21.05	8	92	11.50	131	2,857	21.80
35-44	90	90	1,771	19.65	9	100	11.10	80	1,671	20.90
45-54	68	87	1,849	21.25	9	91	10.10	78	1,757	22.50
55-64	51	65	1,269	19.50	7	73	10.40	58	1,196	20.60
65 and over	57	35	204	5.80	12	98	8.15	22	105	4.75
Males	747	89	1,497	16.80	8	83	10.35	80	1,413	17.65
14-17 years	333	36	211	5.85	9	71	7.90	27	139	5.15
18-24	183	125	2,030	16.25	7	81	11.55	117	1,949	16.65
25-34	89	182	4,008	22.00	7	109	15.55	175	3,899	22.30
35-44 2/	36	---	---	---	---	---	---	---	---	---
45 and over	107	89	1,761	19.80	9	93	10.35	79	1,667	21.10
Females	346	35	320	9.15	10	78	7.80	25	241	9.65
14-17 years	124	29	140	4.80	11	83	7.55	17	56	3.30
18-24	56	46	385	8.35	9	68	7.55	36	316	8.75
25-34 2/	42	---	---	---	---	---	---	---	---	---
35-44	54	40	489	12.20	10	90	9.00	29	398	13.70
45 and over	70	25	211	8.45	9	80	8.90	15	130	8.65
CHIEF ACTIVITY										
Farm wagework and other farmwork 3/	58	37	334	9.00	9	123	13.65	27	211	7.80
Nonfarm work	228	210	4,269	20.30	6	77	12.85	203	4,191	20.65
Unemployed 2/	34	---	---	---	---	---	---	---	---	---
Not in labor force	774	35	276	7.90	9	80	8.90	25	195	7.80
Keeping house	181	24	227	9.45	10	79	7.90	14	148	10.55
Attending school	530	39	288	7.40	9	79	8.75	30	208	6.95
Other	63	24	315	13.10	9	89	9.90	14	226	16.15
MIGRATORY STATUS										
Migratory	61	100	1,758	17.60	10	108	10.80	89	1,650	18.55
Nonmigratory	1,032	70	1,086	15.51	9	80	8.90	61	1,006	16.50
HOUSEHOLD STATUS AND MIGRATORY STATUS										
Household heads	324	134	2,722	20.30	8	95	11.85	126	2,627	20.85
Migratory 2/	18	---	---	---	---	---	---	---	---	---
Nonmigratory	305	131	2,626	20.05	8	92	11.50	123	2,533	20.60
Other household members	770	45	452	10.05	9	76	8.45	36	375	10.40
Migratory	43	---	---	---	---	---	---	---	---	---
Nonmigratory	727	44	440	10.00	9	75	8.35	35	364	10.40

Numbers of workers are rounded to the nearest thousand without being adjusted to group totals.

1/ Rounded to the nearest 5 cents.

2/ Averages not shown where base is less than 50,000 persons.

3/ Includes operating a farm and unpaid family labor.

Table 11.--Percentage of workers who did farm and nonfarm wagework, and average number of days worked and wages earned, for workers who did farm wagework only, by selected characteristics, 1970

Selected characteristics	Farm wageworkers		Workers who did farm wagework only			
	Number of workers	Percentage who also did some nonfarm wagework	Number of workers	Farm Wages earned		
				Days worked	Per year	Per day ^{1/}
	Thou.	Pct.	Thou.	No.	Dol.	Dol.
ALL WORKERS, 1970	2,488	40	1,483	102	1,083	10.60
COLOR AND SEX						
White	1,940	44	1,090	105	1,179	11.20
Negro and other races	547	28	394	93	818	8.80
Male	1,889	43	1,079	123	1,331	10.80
White	1,554	46	838	121	1,381	11.40
Negro and other races	335	28	241	130	1,158	8.90
Female	599	32	404	45	422	9.35
White	387	35	252	50	507	10.15
Negro and other races	212	28	153	35	281	8.00
CHIEF ACTIVITY						
Farmwork	623	23	478	226	2,607	11.55
Farm wagework	539	23	417	249	2,850	11.45
Without nonfarm work	417	---	417	249	2,850	11.45
With nonfarm work	122	100	---	---	---	---
Other farmwork ^{2/}	84	27	61	68	948	13.95
Nonfarm work	390	93	3/26	---	---	---
Unemployed	70	56	3/31	---	---	---
Not in labor force	1,404	32	948	42	344	8.20
Keeping house	285	24	215	34	321	9.45
Attending school	988	36	632	44	345	7.85
Other	131	23	100	47	390	8.30
DURATION OF FARM WAGEWORK						
Less than 25 days	1,093	49	558	10	85	8.50
25 days and over	1,394	34	925	157	1,685	10.75
RESIDENCE						
Farm	675	27	493	138	1,340	9.70
Nonfarm	1,813	45	990	84	955	11.35
MIGRATORY STATUS						
Migratory	196	48	103	120	1,686	14.05
Nonmigratory	2,291	40	1,381	101	1,038	10.25
REGION AND DURATION OF FARM WAGEWORK						
Northeast	241	40	144	100	1,089	10.90
Less than 25 days	105	43	60	11	122	11.10
25-149	90	43	51	67	615	9.20
150 and over	46	28	3/33	---	---	---
North Central	590	45	325	114	1,018	8.90
Less than 25 days	290	59	120	10	92	9.20
25-149	186	42	107	58	566	9.75
150 and over	114	14	98	301	2,645	8.80
South	1,093	37	684	99	968	9.75
Less than 25 days	457	43	259	9	67	7.45
25-149	414	43	236	65	570	8.75
150 and over	222	15	189	262	2,699	10.30
West	564	41	330	96	1,383	14.40
Less than 25 days	242	51	119	11	97	8.80
25-149	226	40	135	67	913	13.60
150 and over	97	21	77	274	4,191	15.30

Numbers of workers are rounded to the nearest thousand without being adjusted to group totals.

1/ Rounded to the nearest 5 cents.

2/ Includes operating a farm and unpaid family labor.

3/ Averages not shown where base is less than 50,000 persons.

Table 12.--Average number of days worked and wages earned at farm and nonfarm wagework, for farm wage-workers who also did some nonfarm wagework, by selected characteristics, 1970

Selected characteristics	Farm and nonfarm				Farm			Nonfarm		
	: Number :	: Wages earned :		: Days worked :	: Wages earned :		: Days worked :	: Wages earned :		: Days worked :
	: of :	: Days :	: Per :		: Per :	: Per :		: Days :	: Per :	: Per :
	: workers :	: worked :	: year :	: day 1/ :	: worked :	: year :	: day 1/ :	: worked :	: year :	: day 1/ :
	: Thou. :	: No. :	: Dol. :	: Dol. :	: No. :	: Dol. :	: Dol. :	: No. :	: Dol. :	: Dol. :
WORKERS WHO ALSO DID SOME NONFARM WAGEWORK, 1970	: 1,005	: 163	: 2,461	: 15.10	: 49	: 597	: 12.20	: 114	: 1,863	: 16.35
COLOR AND SEX	:	:	:	:	:	:	:	:	:	:
White	: 851	: 166	: 2,624	: 15.80	: 48	: 611	: 12.70	: 118	: 2,012	: 17.05
Negro and other races	: 154	: 147	: 1,562	: 10.60	: 55	: 522	: 9.50	: 92	: 1,039	: 11.30
Male	: 810	: 178	: 2,822	: 15.85	: 54	: 681	: 12.60	: 124	: 2,141	: 17.25
White	: 716	: 179	: 2,938	: 16.40	: 52	: 678	: 13.05	: 127	: 2,259	: 17.80
Negro and other races	: 94	: 166	: 1,947	: 11.70	: 70	: 706	: 10.10	: 96	: 1,241	: 12.90
Female	: 194	: 104	: 957	: 9.20	: 27	: 248	: 9.20	: 76	: 709	: 9.30
White	: 135	: 98	: 960	: 9.80	: 26	: 256	: 9.85	: 72	: 704	: 9.75
Negro and other races	: 59	: 117	: 950	: 8.10	: 32	: 230	: 7.20	: 85	: 720	: 8.45
CHIEF ACTIVITY	:	:	:	:	:	:	:	:	:	:
Farmwork	: 145	: 237	: 3,354	: 14.15	: 155	: 2,231	: 14.40	: 82	: 1,123	: 13.70
Farm wagework	: 122	: 259	: 3,730	: 14.40	: 176	: 2,562	: 14.55	: 83	: 1,168	: 14.05
Other farmwork 2/ 3/	: 23	: ---	: ---	: ---	: ---	: ---	: ---	: ---	: ---	: ---
Nonfarm work	: 364	: 232	: 4,384	: 18.90	: 33	: 388	: 11.75	: 199	: 3,996	: 20.10
Unemployed 3/	: 39	: ---	: ---	: ---	: ---	: ---	: ---	: ---	: ---	: ---
Not in labor force	: 456	: 91	: 747	: 8.20	: 29	: 264	: 9.10	: 62	: 482	: 7.75
Keeping house	: 70	: 83	: 783	: 9.45	: 27	: 239	: 8.85	: 55	: 544	: 9.90
Attending school	: 356	: 91	: 666	: 7.30	: 27	: 236	: 8.75	: 63	: 429	: 6.80
Other 3/	: 31	: ---	: ---	: ---	: ---	: ---	: ---	: ---	: ---	: ---
DURATION OF WAGEWORK	:	:	:	:	:	:	:	:	:	:
Farm	: 1,005	: 163	: 2,461	: 15.10	: 49	: 597	: 12.20	: 114	: 1,863	: 16.35
Less than 25 days	: 535	: 136	: 2,207	: 16.20	: 7	: 79	: 11.30	: 128	: 2,128	: 16.60
25-74	: 262	: 144	: 1,908	: 13.25	: 45	: 493	: 10.95	: 98	: 1,415	: 14.45
75-149	: 126	: 207	: 3,213	: 15.50	: 103	: 1,419	: 13.75	: 103	: 1,793	: 17.40
150-249 3/	: 42	: ---	: ---	: ---	: ---	: ---	: ---	: ---	: ---	: ---
250 and over 3/	: 39	: ---	: ---	: ---	: ---	: ---	: ---	: ---	: ---	: ---
Nonfarm	: 1,005	: 163	: 2,461	: 15.10	: 49	: 597	: 12.20	: 114	: 1,863	: 16.35
Less than 25 days	: 212	: 58	: 594	: 10.25	: 47	: 495	: 10.55	: 11	: 99	: 9.00
25-74	: 251	: 106	: 1,255	: 11.85	: 60	: 743	: 12.40	: 46	: 511	: 11.10
75-149	: 217	: 159	: 2,143	: 13.45	: 53	: 750	: 14.15	: 106	: 1,392	: 13.15
150-249	: 173	: 243	: 3,852	: 15.85	: 45	: 585	: 13.00	: 197	: 3,266	: 16.55
250 and over	: 153	: 320	: 5,918	: 18.50	: 31	: 297	: 9.60	: 289	: 5,621	: 19.45
Farm and nonfarm	: 1,005	: 163	: 2,461	: 15.10	: 49	: 597	: 12.20	: 114	: 1,863	: 16.35
Less than 25 days	: 63	: 12	: 116	: 9.65	: 6	: 54	: 9.00	: 6	: 62	: 10.35
25-74	: 224	: 49	: 468	: 9.55	: 19	: 173	: 9.10	: 29	: 294	: 10.15
75-149	: 235	: 107	: 1,224	: 11.45	: 34	: 365	: 10.75	: 72	: 859	: 11.95
150-249	: 220	: 199	: 2,967	: 14.90	: 56	: 780	: 13.90	: 143	: 2,187	: 15.30
250 and over	: 262	: 319	: 5,420	: 17.00	: 91	: 1,148	: 12.60	: 227	: 4,272	: 18.80
RESIDENCE	:	:	:	:	:	:	:	:	:	:
Farm	: 182	: 167	: 2,089	: 12.50	: 74	: 889	: 12.00	: 92	: 1,200	: 13.05
Nonfarm	: 822	: 163	: 2,544	: 15.60	: 43	: 533	: 12.40	: 119	: 2,010	: 16.90
MIGRATORY STATUS	:	:	:	:	:	:	:	:	:	:
Migratory	: 94	: 148	: 2,197	: 14.85	: 53	: 673	: 12.70	: 94	: 1,532	: 16.20
Nonmigratory	: 911	: 165	: 2,489	: 15.10	: 48	: 590	: 12.30	: 116	: 1,898	: 16.35
REGION	:	:	:	:	:	:	:	:	:	:
Northeast	: 97	: 185	: 2,830	: 15.30	: 65	: 736	: 11.30	: 120	: 2,094	: 17.45
North Central	: 264	: 174	: 2,788	: 16.00	: 39	: 466	: 11.95	: 134	: 2,321	: 17.30
South	: 410	: 154	: 2,071	: 13.45	: 51	: 576	: 11.30	: 103	: 1,494	: 14.50
West	: 234	: 159	: 2,624	: 16.50	: 49	: 726	: 14.80	: 109	: 1,898	: 17.40

Numbers of workers are rounded to the nearest thousand without being adjusted to group totals.

1/ Rounded to the nearest 5 cents.

2/ Includes operating a farm and unpaid family labor.

3/ Averages not shown where base is less than 50,000 persons.

Table 13.--Distribution of workers who did farm wagework only and workers who did both farm and nonfarm wagework, by selected characteristics, 1970

Selected characteristics	Workers who did farm wagework only		Workers who did both farm and nonfarm wagework					
	Farm		Farm and nonfarm		Farm		Nonfarm	
	Male	Female	Male	Female	Male	Female	Male	Female
	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.	Thou.
ALL WORKERS, 1970	1,079	404	810	194	810	194	810	194
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Total	100	100	100	100	100	100	100	100
NUMBER OF DAYS WORKED								
Less than 25 days	31	56	6	9	52	61	20	24
25-74	23	27	20	32	25	30	23	33
75-149	11	11	20	36	13	9	20	30
150-249	11	3	22	20	5	---	19	10
250 and over	24	3	32	3	5	---	18	3
DAILY EARNINGS								
Less than \$3.00	7	9	8	20	4	13	11	23
\$3.00-4.99	8	18	6	21	7	20	6	20
\$5.00-6.99	15	17	10	6	13	15	9	10
\$7.00-8.99	16	14	9	14	15	17	8	10
\$9.00-10.99	19	18	11	11	19	15	9	7
\$11.00-12.99	13	8	12	10	12	6	10	9
\$13.00 and over	22	16	44	18	30	14	47	21
ANNUAL EARNINGS								
Less than \$100	21	41	5	14	38	50	14	26
\$100-199	10	17	6	12	11	15	24	34
\$200-499	18	21	12	20	17	20	13	16
\$500-999	11	8	15	22	15	9	12	14
\$1,000-2,999	24	11	25	24	13	5	8	4
\$3,000-4,999	11	2	16	7	5	1	13	5
\$5,000-7,499	4	---	16	---	1	---	10	---
\$7,500-9,999	---	---	5	1	---	---	4	1
\$10,000 and over	1	---	---	---	---	---	2	---

SOURCE AND RELIABILITY OF THE ESTIMATES

Source of data.--The estimates in this report are based on data obtained in December 1970 through supplementary questions in the Current Population Survey of the Bureau of the Census. The sample is spread over 449 areas comprising 863 counties and independent cities, with coverage in each of the 50 States and the District of Columbia. Approximately 50,000 occupied households are designated for interview each month. Of this number, 2,250 occupied units, on the average, are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for some other reason. In addition to the 50,000 there are also about 8,500 sample units in an average month which are visited but are found to be vacant or otherwise not to be interviewed.

The estimates in this report concern persons 14 years of age or older who did farm wagework in 1970. This data was compiled from supplementary questions to the Current Population Survey asked only if a person 14 years of age or older had performed farmwork for wages or salary during 1970. These questions concerned number of days of farm wagework, farm wages, migratory status, non-farm wagework and nonfarm wages, chief activity in 1970, residence, and other matters. Not included in this report are hired farmworkers who died, who entered the Armed Forces, or who were removed from the civilian noninstitutional population for other reasons prior to the survey. Also not included are foreign nationals who did farm wagework in this country and returned to their homes before the survey. The number of foreign nationals admitted declined sharply after the termination of Public Law 78 in December 1964, and in 1970 totaled only 17,474. 1/ The total number of persons excluded from this report probably does not exceed 400,000.

The estimating procedure used in this survey involved the inflation of the weighted sample results to give independent estimates of the civilian non-institutional population of the United States by age, color and sex. These independent estimates were based on statistics from the 1960 Census of Population; statistics of births, deaths, immigration and emigration; and statistics on the strength of the Armed Forces.

Reliability of the estimates.--Since the estimates are based on a sample, they may differ somewhat from figures obtained if a complete census had been taken using the same schedules, instructions, and enumerators. As in any survey work, the results are subject to errors of response and reporting as well as being subject to sampling variability.

The standard error is primarily a measure of sampling variability, that is, of the variations that occur by chance because a sample rather than the whole of the population is surveyed. As calculated for this report, the

1/ Farm Labor Developments, Manpower Administration, Dept. of Labor.

standard error also partially measures the effect of response and enumeration errors but does not measure any systematic biases in the data. The chances are about 68 out of 100 that an estimate from the sample would differ from a complete census figure by less than the standard error. The chances are about 95 out of 100 that the difference would be less than twice the standard error.

The figures presented in tables 14-18 are approximations to the standard errors of various estimates shown in this report. In order to derive standard errors that would be applicable to a wide variety of items and could be prepared at a moderate cost, a number of approximations were required. As a result, the tables of standard errors provide an indication of the order of magnitude of the standard errors rather than the precise standard error for any specific item.

Table 14.--Standard errors for estimated numbers of persons who did farm
wagework

(68 chances out of 100)		
Size of estimate	:	Standard error
	:	
	:	
25,000	:	9,000
50,000	:	12,000
100,000	:	18,000
250,000	:	29,000
500,000	:	42,000
1,000,000	:	65,000
2,500,000	:	121,000
	:	
	:	

Estimated percentages and estimated averages are computed by using sample data for both numerator and denominator. The reliability of these estimates depends both upon the size of the estimate and the size of the totals upon which the estimates are based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. Table 15 contains the standard errors of estimated percentages. Averages are subject to large sampling variability since the sample estimate of an average is affected by extreme estimates. If sensitive indicators are needed, other types of statistics, such as medians, should be considered. Tables 16, 17, and 18 contain the standard errors of estimated averages.

Table 15.--Standard errors of percentages of persons who did farm wagework

(68 chances out of 100)								
Estimated percentage	Base of percentage in thousands							
	25	50	100	250	500	1,000	2,500	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
2 or 98	4.9	3.5	2.4	1.5	1.1	0.8	0.5	
5 or 95	7.6	5.4	3.8	2.4	1.7	1.2	0.8	
10 or 90	10.5	7.4	5.2	3.3	2.3	1.7	1.0	
15 or 85	12.5	8.8	6.2	3.9	2.8	2.0	1.2	
20 or 80	14.0	9.9	7.0	4.4	3.1	2.2	1.4	
25 or 75	15.1	10.7	7.6	4.8	3.4	2.4	1.5	
35 or 65	16.6	11.8	8.3	5.3	3.7	2.6	1.7	
50	17.4	12.3	8.9	5.5	3.9	2.8	1.7	

Table 16.--Standard errors of average number of days of farm wagework

(68 chances out of 100)								
Average number of days of farm wage- work per year per person	Base of average in thousands Number of farm wageworkers							
	50	100	250	500	1,000	2,500		
10	1.2	1.0	0.7	0.5	0.4	0.3		
25	3.5	3.1	2.2	1.5	1.3	0.9		
50	10.2	7.2	5.7	4.0	3.4	2.3		
100	19.2	13.6	9.6	6.8	5.0	3.3		
150	19.7	14.0	9.5	6.8	3.6	2.4		
200	15.5	11.0	7.0	5.0	3.0	2.0		
250	11.3	8.0	5.0	3.5	1.3	0.9		

Note: Table 16 pertains to averages computed from distributions allowed to vary over the entire range of days worked. Standard errors for truncated distributions (e.g., workers with less than 25 days of farm wagework) are somewhat smaller.

Table 17.--Standard errors of average annual earnings from farm wagework

(68 chances out of 100)								
Average earnings from farm wage- work per year per person	Base of average in thousands							
	Number of farm wageworkers							
	50	100	250	500	1,000	2,500		
\$ 150	31	22	14	10	9	6		
250	58	41	26	19	16	11		
500	118	84	53	41	35	23		
750	178	126	80	64	54	36		
1,000	219	155	98	85	68	45		
2,000	314	223	141	132	96	64		
3,000	331	235	149	138	99	66		

Table 18.--Standard errors of average daily earnings from farm wagework

(68 chances out of 100)								
Average earnings from farm wage- work per day per person	Base of average in thousands							
	Number of farm wageworkers							
	50	100	250	500	1,000	2,500		
\$ 5.00	.60	.42	.27	.19	.14	.09		
7.00	1.13	.81	.51	.36	.26	.17		
9.00	1.46	1.04	.66	.50	.35	.23		
11.00	1.52	1.08	.68	.53	.43	.28		
13.00	1.54	1.09	.69	.55	.47	.31		
15.00	1.57	1.11	.71	.56	.50	.33		

Illustration of the use of the tables of standard errors.--Table 4 of this report shows that 196,000 persons were migratory farm wageworkers. Table 14 shows the standard error on an estimate of this size to be approximately 25,000. The chances are 68 out of 100 that the estimate would have shown a figure differing from a complete census by less than 25,000. The chances are 95 out of 100 that the estimate would have shown a figure differing from a complete census by less than 50,000.

Of these 196,000 migratory farm wageworkers, 84,000 or 43 percent are from the Southern Region. Table 15 shows the standard error of 43 percent on a base of 196,000 to be approximately 6.6 percent. Consequently, chances are 68 out of 100 that the estimated 43 percent would be within 6.6 percent of a complete census figure, and chances are 95 out of 100 that the estimate would be within 13.2 percent of a census figure, i.e., this 95 percent confidence interval would be from 29.8 to 56.2 percent.

Table 7 of this report shows that average annual earnings at farm wagework for migratory farm wageworkers are \$1,200. Table 17 shows the standard error of \$1,200 on a base of 196,000 workers to be approximately \$129. Consequently, chances are 68 out of 100 that the estimated \$1,200 would be within \$129 of a complete census figure, and chances are 95 out of 100 that the estimate would be within \$258 of a census figure, i.e., this 95 percent confidence interval would be from \$944 to \$1,460.

APPENDIX B

DEFINITIONS AND EXPLANATIONS

Farm wageworkers.--Persons 14 years old and over in the civilian noninstitutional population of the United States at the time of the survey who did any farmwork for cash wages or salary at any time in the year, even if only for 1 day.

Farmwork for cash wages or salary consists of the following: (1) Work done on any farm for cash wages in connection with the production, harvesting, threshing, preparation for market, or delivery to market of agricultural products; (2) work done off the farm for a farmer by his hired farmworker, such as trips to town to buy feed, seeds, or fertilizer, or to handle other matters involved in running the farm business; (3) repairs of farm buildings, machinery, etc., performed by a farm wageworker when done along with the type of work specified in (1) and (2) above; and (4) managing a farm enterprise for cash salary. Not included as farmwork for cash wages or salary are (1) work performed by farm operators on their own farms, or "exchange" work between farmers; (2) work done exclusively for "pay in kind"; (3) work done without pay on a family farm by a member of the farm operator's family (a small regular cash allowance is not considered as farm wages); and (4) nonfarm work performed on a farm, such as the building of a farm structure, the drilling of a well, the hauling of agricultural products to market by commercial truckers, or domestic service in the home of a farmer; and (5) custom work such as spraying, threshing, combining, etc., when a person is paid a combined rate for the use of his equipment and labor.

Casual workers.--Persons who did less than 25 days of farm wagework.

Noncasual workers.--Persons who did 25 days or more of farm wagework.
Noncasual workers include:

Seasonal workers.--Persons who did 25-149 days of farm wagework.

Regular workers.--Persons who did 150-249 days of farm wagework.

Year-round workers.--Persons who did 250 days or more of farm wagework.

(The use here of the terms "seasonal" and "regular" differs from that in the Census of Agriculture, where "seasonal workers" refers to persons employed on one farm for less than 150 days during the year, and "regular workers" to those employed on one farm for 150 days or more during the year.)

Age.--The age classification is based on the age of the person at his last birthday.

Color.--The term "color" refers to the division of the population into two groups -- white and Negro and other races (including such groups as Indians, Japanese, and Chinese).

Chief activity.--Information on the chief activity of farm wageworkers during the year was derived from the question, "What was . . . doing most of 1970--working, keeping house, going to school, or something else?" If "working" was reported as the chief activity, the kind of work the person was doing most of the year was determined. Farm wagework was reported if the person spent most of his working time doing farm wagework. Operating a farm was reported if a person spent most of his working time operating his own farm (as a tenant, owner, or sharecropper). Nonfarm work was reported if a person spent most of his working time in his own business or profession, worked without pay in a family business, or worked for pay (or pay in kind) in any nonfarm activity, such as manufacturing, trade, construction, domestic service, etc. If the person did not report "working" as his chief activity, information was obtained on what he was doing most of the year. Looking for work (unemployed was reported for a person who spent most of his time without employment, but was actively looking for a job. Keeping house was reported for persons who spent most of their time doing their own housework. Going to school was reported for persons who spent most of their time during the year going to school. The category "other" was reported for persons who spent most of their time at some activity other than those named above.

Residence.--Residence is determined on the basis of the classification of the place in which the worker lived at the time of the survey. In the Current Population Survey, farm wageworkers were classified as living on farms (farm residents) if they lived in rural territory on places of 10 or more acres of land, and if as much as \$50 worth of agricultural products were sold from the place in the reporting year. Also included are those who lived on places of less than 10 acres if as much as \$250 worth of agricultural products were sold from the place in the reporting year. Nonfarm-resident workers lived in urban

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300



places, rural towns or villages, or in the open country on places that did not meet the criteria for farm classification.

Migratory status.--Migratory workers are those who (a) left their homes temporarily overnight to do farm wagework in a different county within the same State or in a different State with expectation of eventually returning home, or (b) had no usual place of residence, and did farm wagework in two or more counties during the year. Nonmigratory workers are those (a) who did all their farm wagework for the year in the same county in which they lived, (b) who made a permanent move from one county to another during the year and performed farm wagework in both counties, or (c) who commuted daily across the county or State line to do farm wagework and returned home each night.

Region.--The States included in each of the four regions are as follows: Northeast--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, Pennsylvania, New Jersey; North Central--Ohio, Indiana, Illinois, Wisconsin, Michigan, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas; South--Maryland, Delaware, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas; and West--Montana, Wyoming, Idaho, Colorado, New Mexico, Utah, Arizona, Nevada, Washington, Oregon, California, Hawaii, Alaska.

Days of farm or nonfarm wagework.--Days on which any farm or nonfarm wagework was reported. The work may have been for all or only part of a day.

Earnings from farm or nonfarm work.--Total cash wages or salary received for farmwork or for nonfarm work. Estimates of earnings do not include the value of perquisites received in connection with farmwork nor the value of fringe benefits received in connection with nonfarm work.